

Examples of 2004 API Base Calculation for a 9-11 School

Table 7A
Simple Calculation

	Grade	Content Area	Test Weights	Individual Student Scores	Individual Scores Weighted for API	Weight x Score
			A		B	C
						A x B
Student 1	9	CST ELA	0.300	Below Basic	500	150.00
Student 1	9	CST Math	0.200	Advanced	1000	200.00
Student 1	9	CST Science	0.150	Proficient	875	131.25
Student 2	10	CST ELA	0.300	Advanced	1000	300.00
Student 2	10	CST Math	0.200	Advanced	1000	200.00
Student 2	10	CST Science	0.150	Proficient	875	131.25
Student 2	10	CST HSS	0.225	Proficient	875	196.88
Student 2	10	CAHSEE ELA	0.300	Pass	1000	300.00
Student 2	10	CAHSEE Math	0.300	Pass	1000	300.00
Student 3	11	CST ELA	0.300	Proficient	875	262.50
Student 3	11	CST Math	0.200	Basic	700	140.00
Student 3	11	CST Science	0.150	Basic	700	105.00
Student 3	11	CST HSS	0.225	Basic	700	157.50
School Total			3.000		2574.38	

School's API
858
 (total Column C divided by total Column A)

Table 7B
Calculation Showing School's Content Area Weights

Student Scores					School				
Individual Scores Weighted for API									
Content Area	Test Weights	Student 1 (Gr. 9)	Student 2 (Gr. 10)	Student 3 (Gr. 11)	Number of Student Scores	Weight for All Scores	School's Content Area Weights	Average of Student Weighted Scores	Weighted Average of Student Weighted Scores
	A	B1	B2	B3	C	D	E	F	G
					Count of B1, B2, & B3	A x C	D/ Total of Column D	Average of B1, B2, & B3	E x F
CST ELA	0.300	500	1000	875	3	0.900	30.0%	791.67	237.5000
CST Math	0.200	1000	1000	700	3	0.600	20.0%	900.00	180.0000
CST Science	0.150	875	875	700	3	0.450	15.0%	816.67	122.5000
CST HSS	0.225		875	700	2	0.450	15.0%	787.50	118.1250
CAHSEE ELA	0.300		1000		1	0.300	10.0%	1000.00	100.0000
CAHSEE Math	0.300		1000		1	0.300	10.0%	1000.00	100.0000
Total	1.475					3.000	100.0%	School's API =	858

(sum of Column G)

NOTES:

"School's API" is the weighted average of student scores based upon the number of valid scores.

"Individual Scores Weighted for API" are valid student scores that have API performance level weighting factors applied (i.e., 200, 500, 700, 875, or 1000).